

The Abstract of the Disclosure has been rewritten.

The incomplete sentence at the end of page 11 has been deleted.

Respectfully submitted,

Carlton H. Hoél Reg. No. 29,934

Texas Instruments Incorporated PO Box 655474, M/S 3999

Dallas, Texas 75265

972.917.4365



Appl.No. 09/522,421 Version with markings to show changes made Oct 1, 2002

Abstract of the Disclosure (amended)

Linear predictive system with classification of LP residual Fourier coefficients into two or more overlapping classes, and each class has its own vector quantization codebook(s). And modified The use of strong and weak predictors minimizes codebook size by only quantizing the difference between Fourier coefficients of a frame and the Fourier coefficients predicted from a prior frame. The choice of using either a strong or weak predictor adapts to the prior choice of predictor so that to replace a strong predictor following a weak predictor with is changed to a weak predictor to insure attenuation of error propagation as arise from frame erasures.

Page 11, delete the last section

Modifications

The preferred embodiments can be modified in various ways while retaining the features of

In the claims

- 1. (amended) An encoding system method using strong and weak predictors, comprising the step of:
 - (a) replace a strong predictor following a weak predictor with a weak predictor.
- 2. (new) The method of claim 1, wherein:
- (a) said strong predictor and said weak predictor predict the Fourier coefficients for the pitch harmonics.
- 3. (new) The method of claim 2, wherein:
- (a) said strong predictor equals a multiple of the Fourier coefficients of a prior frame with the multiple in the range of 0.7 to 1.0; and

	(b) said weak	predictor e	equals a sec	ond multiple	r of the Fourier	coefficients of
<u>said</u>	prior frame with	said secor	nd multipler	in the range	of 0.0 to 0.3.	

- 4. (new) The method of claim 1, wherein:
- (a) said step (a) of claim 1 replaces second successive strong predictor with a corresponding second weak predictor.